

K Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2016, Kentucky
E (Trillion Btu)

N T U C	Year	Coal	Fossil Fuels								Fossil Fuels (as commingled)		
			Petroleum										
			Natural Gas excluding Supplemental Gaseous Fuels ^a	Distillate Fuel Oil	HGL ^b	Jet Fuel ^c	Motor Gasoline excluding Fuel Ethanol ^a	Residual Fuel Oil	Other ^d	Total	Total	Natural Gas including Supplemental Gaseous Fuels ^a	Motor Gasoline including Fuel Ethanol ^a
K	1960	286.7	153.8	28.2	16.7	2.7	113.1	2.1	38.4	201.3	641.9	153.8	113.1
K	1965	415.5	176.7	32.4	23.8	7.2	135.4	3.8	54.7	257.2	849.4	176.7	135.4
K	1970	527.1	252.3	47.8	36.1	17.4	176.4	6.7	73.7	358.1	1,137.4	252.3	176.4
K	1971	550.4	248.5	45.3	37.2	15.0	187.6	4.1	72.2	361.5	1,160.4	248.5	187.6
K	1972	583.8	259.5	55.7	42.9	12.4	197.3	7.5	72.7	388.6	1,231.9	259.5	197.3
K	1973	573.4	250.1	62.6	46.0	13.3	206.8	7.0	82.5	418.1	1,241.6	250.1	206.8
K	1974	593.8	231.4	60.7	44.5	11.4	207.7	13.0	72.2	409.5	1,234.7	231.4	207.7
K	1975	558.3	209.2	63.6	40.9	12.1	214.4	13.6	71.6	416.2	1,183.7	209.2	214.4
K	1976	617.5	248.7	79.5	42.2	12.2	225.0	15.4	72.6	446.9	1,313.0	248.7	225.0
K	1977	613.5	221.9	99.3	42.9	12.5	230.8	17.8	75.6	478.9	1,314.3	221.9	230.8
K	1978	617.2	215.0	111.3	45.1	14.4	236.0	15.3	76.6	498.7	1,330.9	215.0	236.0
K	1979	609.3	220.9	124.0	39.7	14.5	223.6	8.6	92.6	503.0	1,333.1	220.9	223.6
K	1980	641.7	204.1	133.4	37.6	16.3	209.2	6.4	78.9	481.9	1,327.6	204.1	209.2
K	1981	663.9	202.2	106.0	29.0	18.2	211.1	7.2	62.1	433.5	1,299.7	202.2	211.1
K	1982	627.0	191.0	101.8	25.9	20.9	210.5	7.3	64.1	430.4	1,248.5	191.2	210.5
K	1983	637.8	177.5	119.0	26.1	22.6	211.5	7.4	63.6	450.3	1,265.6	177.8	211.5
K	1984	671.0	193.3	133.1	21.0	18.4	214.2	4.9	66.6	458.4	1,322.7	193.4	214.2
K	1985	716.9	177.7	128.7	20.2	19.3	209.7	3.9	63.0	444.8	1,339.4	177.7	209.7
K	1986	749.9	173.5	119.9	18.9	20.0	223.3	4.6	63.9	450.7	1,374.1	173.5	223.3
K	1987	746.7	178.3	124.5	25.0	27.3	226.2	5.4	73.9	482.2	1,407.2	178.3	226.2
K	1988	821.8	190.9	146.5	24.8	28.2	231.8	3.6	77.2	512.1	1,524.7	190.9	231.8
K	1989	767.6	195.8	168.4	23.6	28.7	228.1	3.0	76.2	527.9	1,491.4	195.9	228.1
K	1990	803.5	191.7	141.1	22.5	32.3	226.1	3.4	76.6	502.0	1,497.2	191.7	226.1
K	1991	802.7	196.3	131.3	24.6	36.0	229.9	2.9	73.8	498.4	1,497.4	196.3	229.9
K	1992	812.9	200.9	146.3	23.6	38.9	235.3	2.6	81.9	528.6	1,542.5	200.9	235.3
K	1993	921.1	213.1	159.6	21.4	32.3	237.3	2.1	75.0	527.6	1,661.8	213.1	239.4
K	1994	896.4	221.3	152.4	21.0	35.9	240.7	2.0	77.2	529.3	1,646.9	221.3	241.6
K	1995	929.4	245.6	159.0	20.7	35.7	250.6	1.3	74.5	541.8	1,716.8	245.6	251.0
K	1996	952.1	248.0	161.2	26.6	31.7	226.7	1.5	80.2	528.0	1,728.1	248.1	227.2
K	1997	977.8	239.3	163.3	32.2	25.8	261.1	1.0	81.2	564.6	1,781.6	239.3	261.7
K	1998	959.0	212.1	163.5	27.5	30.3	261.6	0.3	98.0	581.3	1,752.4	212.1	261.9
K	1999	987.6	225.4	159.8	33.9	39.5	265.3	0.5	109.0	608.0	1,821.0	225.4	265.6
K	2000	997.6	234.2	172.5	36.2	37.7	254.8	0.6	94.2	596.0	1,827.7	234.2	255.0
K	2001	1,013.1	216.7	178.8	35.8	34.0	267.0	0.9	113.0	629.5	1,859.3	216.7	267.3
K	2002	950.9	236.1	196.8	39.4	36.0	262.7	0.6	149.2	684.7	1,871.8	236.1	264.9
K	2003	943.7	231.4	155.4	32.2	45.6	269.3	0.8	142.1	645.5	1,820.5	231.5	274.2
K	2004	961.8	233.4	176.2	35.0	51.3	283.2	0.4	159.0	705.1	1,900.2	233.4	287.5
K	2005	986.3	240.9	182.8	36.2	47.0	270.6	0.9	161.4	698.8	1,926.0	240.9	280.2
K	2006	1,023.3	217.2	190.2	35.3	40.3	269.9	0.7	164.3	700.7	1,941.1	217.2	279.8
K	2007	1,020.7	235.9	193.7	35.4	45.2	267.1	0.7	149.6	691.7	1,948.3	236.0	279.0
K	2008	1,024.8	233.2	179.5	35.7	42.1	250.9	(s)	139.4	647.7	1,905.7	233.2	266.2
K	2009	937.1	214.3	167.8	30.9	55.8	255.0	0.4	R 133.1	643.1	1,794.4	214.3	271.8
K	2010	1,009.8	239.1	170.2	44.0	58.6	R 251.9	0.4	R 110.4	R 635.5	R 1,884.4	239.1	269.1
K	2011	1,010.6	229.0	180.3	44.0	56.3	242.7	0.0	R 95.2	R 618.5	R 1,858.2	229.1	259.8
K	2012	909.7	232.7	165.4	41.2	51.0	238.5	0.2	R 105.5	R 601.8	R 1,744.2	232.7	256.2
K	2013	914.8	235.7	163.2	31.3	48.5	R 237.9	0.2	R 88.4	R 569.6	R 1,720.0	235.7	256.0
K	2014	913.5	262.3	162.9	36.4	53.1	235.8	0.2	R 91.0	R 579.4	1,755.1	262.3	253.6
K	2015	796.5	R 276.9	156.2	37.6	61.4	R 244.9	0.1	R 95.0	R 595.2	R 1,668.5	R 276.9	R 262.2
K	2016	736.6	284.1	156.2	32.2	68.0	250.8	(s)	91.5	598.7	1,619.4	284.1	268.6

^a Supplemental gaseous fuels (SGF) and fuel ethanol are consumed with natural gas and motor gasoline, respectively. In this table, natural gas excluding SGF and motor gasoline excluding fuel ethanol are presented so that a fossil fuel total can be calculated. Natural gas including SGF and motor gasoline including fuel ethanol are presented separately for reference.

^b Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.

^c Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Other Petroleum."

^d Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other

petroleum products" category. See Technical Notes, Section 4.

Where shown, R = Revised data and (s) = Value less than +0.05 and greater than -0.05 trillion Btu.

Notes: Totals may not equal sum of components due to independent rounding. • The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2016, Kentucky (Continued)
(Trillion Btu)

Year	Nuclear Electric Power	Hydro-electric Power ^{e,f}	Renewable Energy							Net Interstate Flow of Electricity ^k	Net Electricity Imports ^l	Total ^f			
			Biomass				Geo-thermal ^f	Solar ^{f,j}	Wind						
			Wood and Waste ^{f,g}	Fuel Ethanol ^h	Losses and Co-products ⁱ	Total ^f									
1960	0.0	28.3	22.4	NA	NA	22.4	0.0	NA	NA	50.8	131.5	0.0	824.2		
1965	0.0	25.8	21.7	NA	NA	21.7	0.0	NA	NA	47.4	4.1	0.0	901.0		
1970	0.0	33.3	23.7	NA	NA	23.7	0.0	NA	NA	57.0	-89.3	0.0	1,105.2		
1971	0.0	37.1	24.9	NA	NA	24.9	0.0	NA	NA	61.9	-104.1	0.0	1,118.2		
1972	0.0	39.1	27.4	NA	NA	27.4	0.0	NA	NA	66.6	-94.8	0.0	1,203.7		
1973	0.0	39.7	27.9	NA	NA	27.9	0.0	NA	NA	67.6	-71.6	0.0	1,237.7		
1974	0.0	35.5	31.2	NA	NA	31.2	0.0	NA	NA	66.7	-72.3	0.0	1,229.1		
1975	0.0	36.0	30.8	NA	NA	30.8	0.0	NA	NA	66.9	28.5	0.0	1,279.1		
1976	0.0	32.8	35.3	NA	NA	35.3	0.0	NA	NA	68.1	20.0	0.0	1,401.1		
1977	0.0	34.6	29.6	NA	NA	29.6	0.0	NA	NA	64.1	36.4	0.0	1,414.9		
1978	0.0	33.0	37.6	NA	NA	37.6	0.0	NA	NA	70.5	-0.3	0.0	1,401.1		
1979	0.0	40.8	41.7	NA	NA	41.7	0.0	NA	NA	82.5	17.8	0.0	1,433.4		
1980	0.0	30.5	25.3	NA	NA	25.3	0.0	NA	NA	55.8	-14.6	0.0	1,368.8		
1981	0.0	27.2	28.0	(s)	0.0	28.0	0.0	NA	NA	55.2	-56.9	0.0	1,298.0		
1982	0.0	34.9	34.4	0.2	0.0	34.6	0.0	NA	NA	69.5	-55.3	0.0	1,262.7		
1983	0.0	34.1	30.9	0.8	0.0	31.7	0.0	NA	0.0	65.8	-54.2	0.0	1,277.2		
1984	0.0	36.7	38.0	2.6	0.0	40.6	0.0	0.0	0.0	77.3	-24.1	0.0	1,375.8		
1985	0.0	30.7	38.8	3.6	0.0	42.4	0.0	0.0	0.0	73.2	-82.4	0.0	1,330.2		
1986	0.0	28.6	34.7	5.5	0.0	40.3	0.0	0.0	0.0	68.8	-138.1	0.0	1,304.9		
1987	0.0	30.7	29.7	6.4	0.0	36.1	0.0	0.0	0.0	66.8	-132.4	0.0	1,341.7		
1988	0.0	25.0	31.4	5.5	0.0	37.0	0.0	0.0	0.0	62.0	-167.2	0.0	1,419.5		
1989	0.0	45.9	26.9	4.0	0.0	30.9	0.2	(s)	0.0	77.1	-59.1	0.0	1,509.4		
1990	0.0	32.9	17.4	2.9	0.0	20.3	0.2	(s)	0.0	53.4	-87.8	0.0	1,462.8		
1991	0.0	38.2	18.2	2.9	0.0	21.1	0.3	(s)	0.0	59.5	-69.9	0.0	1,487.0		
1992	0.0	39.0	18.8	3.4	0.0	22.1	0.3	(s)	0.0	61.4	-54.9	0.0	1,549.0		
1993	0.0	32.5	15.2	2.1	0.0	17.3	0.3	(s)	0.0	50.1	-123.8	0.0	1,588.1		
1994	0.0	41.4	14.9	0.9	0.0	15.8	0.4	(s)	0.0	57.6	-68.8	0.0	1,635.7		
1995	0.0	35.3	15.5	0.4	0.0	15.9	0.4	(s)	0.0	51.7	-64.3	0.0	1,704.2		
1996	0.0	36.2	18.5	0.5	0.0	19.0	0.4	(s)	0.0	55.6	-61.6	0.0	1,722.1		
1997	0.0	34.5	13.0	0.6	0.0	13.5	0.5	(s)	0.0	48.5	-99.3	0.0	1,730.9		
1998	0.0	31.8	11.1	0.3	0.0	11.5	0.6	(s)	0.0	43.8	-107.0	0.0	1,689.2		
1999	0.0	26.1	11.5	0.3	0.0	11.8	0.6	(s)	0.0	38.5	-83.4	0.0	1,776.1		
2000	0.0	23.7	11.7	0.2	0.0	12.0	0.6	(s)	0.0	36.3	-96.6	0.0	1,767.4		
2001	0.0	39.8	12.7	0.3	0.0	13.0	0.7	(s)	0.0	53.5	-114.9	0.0	1,797.9		
2002	0.0	40.9	21.2	2.2	0.0	23.3	0.7	(s)	0.0	65.0	12.4	0.0	1,949.2		
2003	0.0	40.0	24.6	4.9	0.0	29.5	1.0	(s)	0.0	70.5	-8.2	0.0	1,882.8		
2004	0.0	37.9	26.4	4.3	1.5	32.1	1.1	(s)	0.0	71.1	-14.5	0.0	1,956.8		
2005	0.0	29.6	32.6	9.5	1.4	43.5	1.2	(s)	0.0	74.4	-16.7	(s)	1,983.6		
2006	0.0	25.7	30.4	9.9	1.7	42.0	1.4	(s)	0.0	69.1	-36.1	0.0	1,974.1		
2007	0.0	16.5	32.5	11.9	2.0	46.4	1.6	(s)	0.0	64.5	31.7	0.0	2,044.6		
2008	0.0	18.9	32.3	15.3	1.9	49.6	1.9	(s)	0.0	70.4	33.2	0.0	2,009.2		
2009	0.0	32.4	30.4	16.8	1.9	49.1	2.3	0.1	0.0	83.8	52.8	0.0	1,931.0		
2010	0.0	25.2	R 33.9	17.2	2.0	R 53.1	2.5	0.1	0.0	R 80.9	25.4	0.0	R 1,990.7		
2011	0.0	28.8	R 34.8	17.1	2.0	R 53.9	2.7	0.1	0.0	R 85.5	-26.2	0.0	R 1,917.5		
2012	0.0	22.5	R 32.4	17.7	1.8	R 52.0	2.7	0.1	0.0	R 77.3	58.2	0.0	R 1,879.7		
2013	0.0	31.2	R 38.5	R 18.1	1.9	R 58.5	2.7	0.2	0.0	R 92.6	11.6	0.0	R 1,824.2		
2014	0.0	29.9	R 40.8	17.8	2.0	R 60.5	2.7	0.2	0.0	R 93.3	-73.4	0.0	R 1,775.0		
2015	0.0	31.7	R 36.8	R 17.4	1.9	R 56.0	2.7	0.2	0.0	R 90.7	-24.0	0.0	R 1,735.2		
2016	0.0	32.1	35.2	17.8	1.9	54.9	2.7	0.4	0.0	90.1	-7.1	0.0	1,702.4		

^e Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

^f There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

^g Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

^h Excludes denaturant. Because of differences in data sources and estimation methods, the ratio of fuel ethanol consumption and motor gasoline consumption should not be interpreted as the average ethanol blend rate. Pre-2005 estimates are not comparable to those for later years. See Section 5 of Technical Notes.

ⁱ Losses and co-products from the production of fuel ethanol.

^j Solar thermal and photovoltaic energy.

^k Includes the energy losses associated with the generation, transmission, and distribution of the electricity flowing across state lines. A positive number indicates that more electricity came into the state than went out of the state

during the year. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

^l Electricity traded with Canada and Mexico. Calculated by converting net imports in kilowatthours by 3,412 Btu per kilowatthour.

NA = Not available.

Where shown, R = Revised data and (s) = Value less than +0.05 and greater than -0.05 trillion Btu.

Notes: Totals may not equal sum of components due to independent rounding. • The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.